

JUL 1 5 2001

FEE TRANSMITTAL For FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)-0-

Complete If Known

Application Number	09833466
Filing Date	4/11/2001
First Named Inventor	Jeong et al
Examiner Name	not yet assigned
Group Art Unit	not yet assigned
Attorney Docket No	B-1537

METHOD OF PAYMENT (check one)

☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 02-1275
Deposit Account Name: Battelle Memorial Institute - PSD

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☒ Applicant claims small entity status

2. Payment Enclosed:
☐ check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
101 710	201 355	Utility filing fee	
106 320	206 160	Designing filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)-0-

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from previous	Fee Paid
31	31		
Independent Claims	5		
Multiple Dependent			

**or number previously paid, if greater. For Reissues, see below.

Large Entity Fee	Small Entity Fee	Fee Description
Code (\$)	Code (\$)	
115 150	215 75	Claims in excess of 2
116 390	216 95	Claims in excess of 5
117 890	217 445	Multiple dependent claims not paid
118 1390	218 695	Claims in excess of 10
119 390	219 95	Claims in excess of 20
120 710	220 355	Reissue of claims in excess of 20

SUBTOTAL (2) (\$)-0-

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
105 150	205 75	Surcharge- late filing fee or oath	
127 50	227 25	Surcharge- late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2520	147 2520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1840*	113 1840*	Requesting publication of SIR after Examiner action	
118 150	215 75	Extension for reply within first month	
116 390	216 95	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1390	218 695	Extension for reply within fourth month	
128 1890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of appeal	
12 270	221 135	Requesting for oral hearing	
136 1510	138 1510	Petition to institute a public use proceeding	
140 110	240 55	Petition to receive unavoidable	
141 1240	241 620	Petition to receive unintentional	
142 1240	242 620	Utility issue fee for reissue	
143 440	243 220	Design issue fee	
144 600	224 300	Plant issue fee	
122 30	122 15	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR 3.129(a))	
40 15	24 75	For each additional invention to be examined (37 CFR 3.112(b)(4))	
111 70	211 35	Request for continued examination (RCE)	

Other fee(s) specify:

Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)-0-

SUBMITTED BY

Name of Applicant: Stephen R. May

Registration No: 29,255
Attorney/Agent:

Complete, if applicable

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JUL 10 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Applicant: BM JEONG, A GUTOWSKA) Art Unit: Unknown
S. N.: 09/833,460) Examiner: Unknown
Filed: 04/11/2001) Paper No: 1
For: THERMOGELLING BIODEGRADABLE) Our Ref. No: B-1537
AQUEOUS POLYMER SOLUTION) Date: 7/5/2001

Box PATENT APPLICATION
Assistant Commissioner of Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sir:

Applicant submits the following preliminary amendment to the above referenced application. No new matter has been added.

In the Specification:

Please replace paragraph 86 on page 27 with the following rewritten paragraph:

41

The graft copolymer PLGA-g-PEG was synthesized by a one-step ring opening polymerization of DL-lactide, glycolide, and epoxy terminated poly(ethylene glycol) (PEG; m.w.=600) using stannous octoate as a catalyst. The DL-lactic acid/glycolic acid/ethylene glycol mole ratio is 3.2/1/2.8, which was determined by H-NMR. Therefore, the grafting frequency of PEG is 4.7% by mole. Therefore, the grafting frequency of PEG is 4.7 % by mole. Gel permeation chromatography (GPC) using light scattering and refractive index detectors in series can give absolute molecular weight of polymers. (P.J. Wyatt, Anal. Chim. Acta, 1993, 272, 1) GPC shows a unimodal curve. The number average molecular weight (Mn) and polydispersity (Mw/Mn) of the polymers determined by GPC using tetrahydrofuran (THF) as an eluting solvent are 9300 and 1.5, respectively. Therefore, the 4~5 PEGs are grafted on a PLGA backbone.

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TC 1700